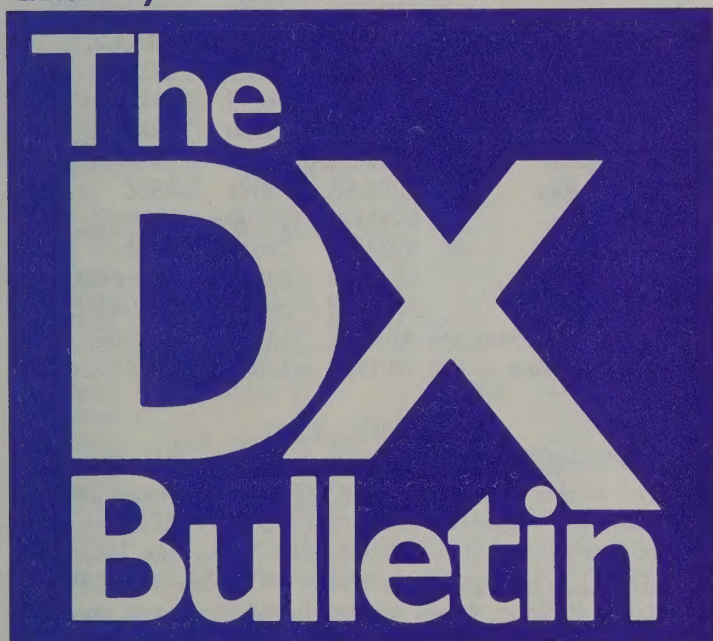


Republic of Yemen - 7O 708AA has been very active, on the published frequencies. (See Issue 549.) Most US reports are on 15 and 20 meters 22-0400Z. Anyone who doesn't have a 7O1AA QSL card in hand should work this station. QSL route given on the air is to F6EXV.

Albania - ZA F2YS/W2 reports that "Peter HA5WE has returned to Budapest from Tirana and the ZA operation has been delayed towards the end of the Summer at the explicit request of the Prime Minister of Albania. Peter's license has been approved by the appropriate ministries... Further information, including start-up date and frequencies will follow." The ZA1AA and ZA1CZ operations are not legitimate.

North Cook Islands - ZK YL Kiyoko ZK1XY is active from the North Cooks for another week. Try 14183 kHz at 0630Z and the net on 14222 kHz at 0500Z. QSL to Box 3, Tokaimura 31911, Japan.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Senegal - 6W Frank Turek will be on as DL7FT/6W6 to August 10, mostly CW on 10, 15, and 20 meters. Look 25 kHz up, listening 3-5 kHz up. QSL home call.

Gambia - C5 Frank moves to the Gambia as C56/DL7FT Aug. 11-19. SSB frequencies 28490, 21290, and 14145 kHz, listening 5-15 kHz up.

Gambia - C5 Jean-Louis Pipien will be active as C53/6W6JX Aug. 8-22, 10-20 meters, CW, SSB, and RTTY. QSL via F6FNU or direct to Salins du Sine Saloum, BP 200, Kaolack, Senegal.

Ascension Island - ZD8 Jim Niger N6TJ is back on Ascension as ZD8Z. Try 35 kHz up on CW on 10-20 meters, and 3790 and 7070 kHz at 0400Z. He'll be there another two weeks. QSL to W6CF.

St. Pierre & Miquelon - FP The Breton DX Group will be on as FP/VE1DXX Aug. 14-18, 160-6 meters, and 2-meter EME. QSL VE1AL.

Shortly Noted

- **S79MX** leaves the Seychelles August 15. He's very active on 21300± kHz at 18-2000Z, and 21050 kHz at 0330Z.
- **W1CDC/8R1** is the call of Alex Kasevich from Guyana, to Aug. 19. QSL AB1U.
- **7Z1AB** is the club call at the American Embassy in Riyadh, Saudi Arabia. QSL to Box 9041, Riyadh 11413.
- **FY4FP** is Christian FD1MRP, who will be there for several years. Try 17 kHz up on CW on 10-20 meters. QSL to ON4ZD. (Thanks DX-NL.)
- **J5CVF** is presently active from Guinea-Bissau. QSL to CT1DIZ.
- **RZ9Z** will be on until Aug. 28 from Oblast 100. Watch 3505, 7005, 14025, 21025, and 28025 kHz on CW, and 3640/50, 7090, 14190, 21290, and 28590 kHz on SSB. QSL EUDXF, Box 620620, D-5000 Köln, West Germany.
- **1SØXV** Spratly logs arrived at W4FRU's shack last week. Cards should be out soon. QSLs from Box 308, Moscow will be delayed a few weeks, as cards haven't been printed yet.
- **IL1A** will be active in the Worked All Europe SSB test, Sept. 8-9, by I1RBJ. QSL home call.
- **SSB Net check-ins: 14222 kHz:** TR8JLD ZK1XP ZK1XY; 14227: 7Q7RM 9M2ZZ P29BT VP2EY VS6CX AH9AC; 14256: VP8CDS VP8CED J5CVF; 21335: ZD9BV 7Q7RM 5V7DP 9J2BO.
- **RTTY Report:** Some active stations: EA9MY 14086 0100Z; AH9AC 14087 0520Z; FK8BK 14069 ARQ 0100Z; UT5RP 14074 ARQ 0300Z; 6W6JX 14086 2300Z; 9V1JY 14089 1430Z; TR8JLD 14087 0615Z; EA8ES 21093 2300Z; 9K2EC 18102 ARQ 2325Z; VQ9RB 21090 1730Z; J28TY 21087 1415Z.
- **6 Meters:** HB9QQ/HBØ will be on from Liechtenstein Aug. 11-13, working meteor scatter on 50185 kHz and tropo on 50205 kHz. 28885 and 14345 kHz are coordination frequencies. FC1MKY is seeking permission to operate weekends in August from Monaco 3A. If successful, he'll be on 06-1800Z. Luxembourg stations active on 6 meters are LX1JX, LX1SI, LX1DK and LX1DB. VO1MUN is a beacon on 50037.5 kHz, running 10 watts into a vertical 150' up. Send reports to Box 51, St. John's, Newfoundland A1C 5H3, Canada. And the deadline for getting into the 6-meter DX standings in the November QST magazine is Sept. 1. Send your report on special forms (available from W3XO for an SASE) to Bill Tynan W3XO, HCR 5 Box 574-334, Kerrville TX 78028. (Thanks to the KA3B 6 Meter Report, 1606 South Newkirk St., Philadelphia PA 19145.)
- **Islands On The Air:** Ralph Hirsch returns to Jekyll Island (NA-58) as K1RH/1J5 Sept. 9. QSL home call. 3D2CC Fred is in the Mamanutha Group, now (OC-121). QSL via VE6AKV. 5KØC was active from the Rosario Islands, which will be a new one for IOTA. QSL to HK1HHX. Some Venezuela DXers plan a multi-island swing through the YV islands in August and September. More details later. Some recent loggings: LA4LN (EU-44) 14260 1445Z; FVØNDX (EU-32) 14260 0615Z; 4K4/UA9JG (AS-05) 14018 1410Z; 4K4QQ (AS-22) 21033 2226Z (QSL via RA1QX); RZ1OA/A (EU-66) 21026 1315Z (QSL to Box 48, Archangelsk 163040 USSR.)

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
August 1990	Date Flux A K	Date Flux A K
10 High Normal	07/14 149 10/13 3	06/16 180 05/07 2
11 High Normal	07/15 143 09/14 2	06/17 178 03/06 2
12 High Normal	07/16 141 07/08 2	06/18 162 10/12 2
13 High Normal	07/17 143 05/08 2	06/19 156 08/11 2
14 High Normal	07/18 137 07/08 2	06/20 154 02/08 2
15 Low Normal	07/19 138 18/17 2	06/21 148 02/09 3
16 Low Normal	07/20 147 17/21 3	06/22 138 04/09 2
17 High Normal	07/21 153 07/09 3	06/23 133 07/10 2
18 High Normal	07/22 161 08/09 2	06/24 137 07/09 2
19 High Normal	07/23 161 08/09 2	06/25 142 08/10 2
20 High Normal	07/24 172 03/07 1	06/26 148 09/10 2

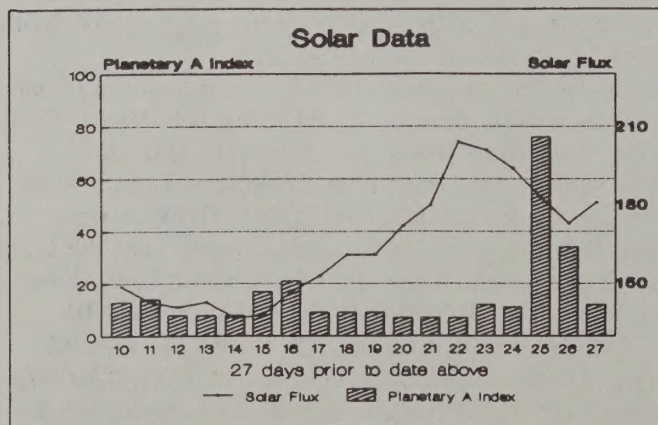
Propagation Watch

Solar flux bounced back to near 200 on August 2, after peaking at 204 on July 25. The peak in late July was probably an anomaly associated with the strong flare on the west limb of the sun that produced the geomagnetic storm July 28-30. Thus the real, 27.5-day peak in solar activity occurred in early August, as expected. This suggests the next activity peak will be around the end of August.

Over the next couple of weeks, look for solar activity to taper off, with flux dropping well below 150. Coupled with seasonal effects, this level of solar activity means that 10 and 12 meters will offer only marginal openings. Look for DX on these bands in the early morning, to the southeast, and late afternoon, to the southwest, in addition to the common north-south path. 15 and 17 meters continue to be excellent daytime DX bands, opening very early in the morning, and staying open past local sunset. Try 20 and 30 meters around local sunrise, looking west, and again around sunset, looking east and northeast. When the geomagnetic field has been quiet for a few days, look for the long path on 20 around local dawn, and on 17 and 15 meters an hour or so after local sunset. 40 meters is already showing some seasonal improvement, especially when the solar flux is low. Try a hour or so before local dawn.

The Perseid meteor shower, which peaks this week, will offer some short openings for VHF enthusiast. The pings are seldom strong enough to provide much 6- and 10-meter DX, but these bands might be worth a look.

Based on the last solar revolution, we can look forward to a quiet geomagnetic field over the next two weeks, and good DX on some band most hours of the day and night. As always, pay attention to the solar report on WWV (or WWVH) for the latest news.



Regulars

■ Armenia	UG6GAT	14220±	1400Z
■ Ascension Island	ZD8CUE	14010	2300Z
■ Ascension Island	ZD8LII	21015±	2100Z
■ Ascension Island	ZD8BOB	28005	1900Z
■ Bahrain	A92BE	21295±	2000Z
■ China	BY4RB	14030	12-1300Z
■ Easter Island	CEØZIG	18080	0230Z
■ Easter Island	CEØFFD	18075	0000Z
■ Easter Island	CEØFFD	28010	1800Z
■ Gabon	TR8BY	14025	0100Z
■ Georgia	UF7QWW	14032	0200Z
■ Hong Kong	VS6WV	14160	1100Z
■ Jordan	JY9SR	18076	0030Z
■ Kaliningrad	UA2FAO	18075	2030Z
■ Kazakhstan	UL8PA	21030	0200Z
■ Kenya	5Z4BI	21220±	2000Z
■ Marion Island	ZS8MI	14250±	1200Z
■ Marion Island	ZS8MI	14020	11-1300Z
■ Mauritius	3B8CF	18076	0330Z
■ Minami Torishima	JD1/JA9IAX	20M CW	10-1400Z
■ Mongolia	JT1CS	14020	1400Z
■ Nicaragua	YN3CC	14024	13-1400Z
■ Oman	A41KJ	14202	1230Z
■ Reunion Island	FR5DX	14195	1100Z
■ Reunion Island	FR5DX	21290±	1430-17Z
■ San Andreas	HKØBKX	14020	1130Z
■ Saudi Arabia	HZ1AB	18071	0400Z
■ Seychelles	S79MX	21300±	18-2000Z
■ Seychelles	S79MX	21050	0330Z
■ Singapore	9V1XR	20M CW	13-1400Z
■ Tanzania	5H3TW	20M CW	13-1400Z
■ United Arab Emirates	A61AD	14195	13-1400Z
■ Western Samoa	5W1KY	14003	0600Z

Twelfth Year

With this issue, The DX Bulletin completes eleven years of weekly publication. The DX Bulletin began under this name on August 15, 1979, with Jim Cain K1TN as editor. A one-year subscription by First Class Mail (then 15¢) was \$22. The DX Bulletin is a continuation of the former West Coast DX Bulletin, which was published for eleven years by Hugh Cassidy WA6AUD. Thus The DX Bulletin is actually 22 years old this week! Today, about 9,000 readers in more than 70 countries enjoy The DX Bulletin every week. Thanks to all those DXers who provide information to us, so that we can continue this 22-year tradition of service to the DX community.

Kuwait

The Iraqi invasion of Kuwait is probably bad news for amateur radio in the country. The invaders will shut down existing stations, and probably not allow amateur operation as long as they remain. (Iraq tolerates only a token amateur operation.) Anyone who has not yet sent for the 701AA QSL card should not try to send for the card now. Hold off until we know more about the situation. Many DXers have already received their 701AA card, but which country the cards will count for has not yet been determined.

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY				
C31R	14077	2300	24	OH
CT1BHX	14089	0610	28	CA
HKØBKX	14082	1311	2	OR
TR8CJ	14085	2151	29	AL
UZ4FWD	14086	1705	30	CA

160 Meters				
VK2FKZ	1832	1210	27	WA
VK3AX	1832	1212	27	WA

80 Meters				
HZ1AB	3509	0120	26	CT

75 Meters				
8R1RPN	3815	0001	3	MA

40 Meters				
5H3TW	7004	0052	29	FL
7X2AB	7007	0021	29	FL
9L1US	7008	0049	29	FL
A35UN	7001	1351	1	OR
FP5DX	7002	0315	31	IA
HZ1AB	7000	0224	2	FL
KH7/	7159	0731	28	CT
KH6LW				
P29PL	7008	1043	28	IN
RB6P/	7006	0041	29	FL
RT4UF				
UZ4FWD	7053	0030	29	VA
V44KJ	7010	0055	30	CT
VP5VPX	7009	0139	27	IN

30 Meters				
3B8CF	10105	0330	23	SC
5B4OG	10105	0150	29	FL
ES1QD	10105	0243	24	SC
FG5ED	10101	0400	31	AL
ISØESG	10104	0500	28	SC
RC8O/	10103	0109	31	FL
UB4MZG				
S79MX	10101	0239	24	SC
UB4MM	10101	0158	29	FL
UL4FFG	10102	0001	30	FL
V31TU	10102	0145	29	FL
VP2EXX	10101	2326	24	AL
VP5VPX	10108	0315	1	CT

20 Meter CW				
3B9FR	14026	1300	2	OR
3CØA	14022	0144	31	FL
4S7CF	14013	1128	28	GA
4S7WP	14005	1200	30	IA
5H3TW	14021	1310	28	OH
5H3TW *	14026	1300	28	IL
5W1KY	14004	0608	26	CA
6W6JX	14020	0034	29	FL
6W6JX	14029	0704	28	CA
7O8AA	14005	2347	2	FL
7Q7LA	14009	0517	3	OR
7X2CR	14012	2356	22	SC
9M2AX	14026	1117	28	GA
9V1XR	14011	1309	2	OR
9V1YL	14011	1345	28	CA
AH3C	14015	1420	29	CA
BV2DA	14025	1230	31	IA
BV2NB	14018	1410	25	CA
BV2TA	14003	1015	1	MA
BY4RB	14030	1200	22	GA
CP6EE	14007	2321	30	FL
EA8BLC	14026	0147	3	FL
EA8BTU	14026	0037	29	FL
FH5EJ *	14020	1400	29	CA
HKØBKX	14020	1123	28	GA
HKØBKX	14021	2359	28	CA
J49G	14015	2357	3	FL

JD1/	14025	1014	25	IN
J9AIA	14012	1400	28	MT
JT1CS	14019	1405	27	CA
KH3/	14027	0611	26	CA
KA3HMS				
LY1BWI	14007	0148	31	ID
P29PL	14007	1503	1	OR
PZ1DY	14025	0925	27	MI
RLØMU	14028	2129	31	FL
RLØPYL	14016	0129	1	FL
S79MX	14048	0235	26	IA
SV9AWF	14020	2200	24	SC
TA7E	14029	0003	26	CT
TK5EL	14015	0622	1	CA
TR8BY	14026	0148	3	FL
TV6ODI	14019	2130	1	FL
UAØKB *	14017	1021	30	MA
UF7QWW	14033	0158	26	GA
UG6GAW	14012	2023	28	SC
ULØRER	14024	0141	3	FL
UL7BT	14031	0117	25	MA
V31HK	14029	0347	29	NH
V31TU	14012	1255	1	MI
V44KJ	14028	1950	27	NH
VP5VPX	14026	0349	29	MT
VQ9TD	14007	1235	31	IA
VU2AC	14027	0058	19	IN
VU2HXL	14027	1335	25	CA
VU2LX	14011	1325	2	OR
VU2ROI	14014	1130	25	IN
VU2TEC	14019	1349	1	OR
Y9ØANT	14015	1246	31	MT
Y9ØSOP	14017	0430	30	MT
YN3CC	14005	1243	2	OR
Z21CA	14016	1300	29	OH
Z21FN	14008	1400	26	CA
ZC4CZ	14025	2140	1	FL
ZD8CU	14016	2218	28	IL
ZD8CUE	14014	2309	29	MO
ZS8MI	14020	1042	27	NH
ZS8MI *	14030	1150	24	CA

20 Meter SSB				
3B8DB	14174	1117	27	MO
4S7VK	14160	1240	31	IA
5T5SR	14180	0009	29	MA
6W1QC	14186	0235	20	MD
7O8AA	14195	0001	30	VA
9K2IC	14198	2345	22	MI
9M8MG	14200	1210	31	IA
A41KJ *	14204	1233	28	MA
A61AD	14193	1306	27	CO
BY5RT	14199	1423	24	OR
BZ4SAA	14182	1220	31	IA
CN2AQ	14228	0433	27	CT
FK8FR	14200	1021	31	MA
FR5DX	14191	1055	26	OH
H44AP	14272	1138	28	MD
J5CVF	14227	0008	27	GA
JT1BV	14164	1227	25	MD
JX7DFA	14207	0153	30	MA
KC4AAA	14290	1150	25	CA
KH2N	14188	1259	31	MT
KH3/	14259	0631	23	CA
KA3HMS				
P29BT	14165	1230	31	IA
S83H	14195	1320	27	MT
S83H	14216	1411	24	OR
TA3F	14263	0347	24	MD
TA5C	14200	2317	25	MA
UG6GAT	14213	1343	27	MT
VKØCH	14196	1400	27	CA
VP8CED	14227	0015	29	VA
VS6WV	14160	1116	29	VA
VU2DZ	14182	1030	26	NY
VU2TDZ	14182	1150	27	MA

VU2VEJ	14201	1344	28	CO
YJ2BKS	14260	1217	29	MI
Z24JW	14185	1358	24	CO
ZB2CN	14227	0110	27	CA
ZK1BY	14202	1055	29	VA
ZS8MI *	14240	1200	26	IA

17 Meter CW				
3B8CF	18075	0333	27	SC
3B8FE	18077	1240	29	AL
4S7WP	18080	2025	24	SC
A35QC	18074	1205	31	AL
AH3C	18078	0140	26	SC
CE0FFD	18070	0007	24	SC
CE0ZIG	18078	0228	1	MA
ES5DE	18075	0255	25	SC
FG7AS	18072	1225	26	SC
HZ1HZ	18074	0222	1	MA
JY9SR	18076	0025	23	SC
LY2BR	18082	0357	26	MO
OY1R	18070	1708	26	CT
PZ1DV	18082	2121	27	SC
ST4/WZ6C	18071	2340	23	SC
UAØA	18074	2030	25	SC
UA2FAO	18075	2029	22	SC
V31TU	18072	1336	29	FL
V31TU	18070	2025	22	SC
V73AT	18071	1420	23	SC
VP2EXX	18069	2322	24	AL
VP5VPX	18073	0224	1	MA
VP5VPX	18071	1339	29	FL
YL1YR	18080	0349	26	MO
ZC4CX	18085	0415	31	AL

17 Meters				
A92DQ	18150	0339	27	IN
CEØZIG	18113	0152	28	MA
CT3BD	18150	2140	28	MO
EA9LH	18138	2015	24	SC
FM5EJ	18115	2120	27	MO
RV6AB	18121	0225	10	MA
V31TU	18120	0040	23	MA
YL75ID	18125	0002	56	CT
ZD7CW	18147	2042	27	MA
ZP5JCY	18144	2332	29	FL

15 Meter CW				
3CØCB	21030	2245	27	MI
4K4QQ	21033	2226	31	CA
4S7EA	21009	2236	30	FL
5H3TW	21022	2337	31	MA
5Z4FM	21020	1559	17	MA
7O8AA	21005	2237	30	FL
7X2CR	21024	0040	25	AL
9V1YC	21026	1559	23	CA
BV2DA	21013	1700	25	IA
FY5YE	21010	1434	28	IL
HC2OG	21030	2113	1	FL
HKØBKX	21022	1423	20	NH
HSØILY	21025	2111	27	MT
J28KY	21023	0350	27	CT
JT1BR	21020	0221	27	OH
JY9SR	21035	0010	26	NH
PZ1AC	21027	2247	30	FL
RL7PD	21012	0150	31	ID
S79MX	21050	0336	25	MI
S79MX	21049	2015	26	WI
TA3D	21011	2106	25	NH
UA8TAA	21020	0116	27	OH
UD7ØGF	21025	1508	26	MI
U9IWA	21020	0320	25	SC
UL7BW	21014	0224	25	MI
UL8PA	21029	0152	31	ID
UM9MZZ	21015	0030	25	AL
Y9ØSOP	21015	1208	26	IL
YN3DK	21018	2313	23	GA
ZD8CUE	21037	2325	26	OH

ZD8LII	21018	2111	28	WI
15 Meter SSB				
4U1WB	21315	1730	1	OR
5H3OH	21265	1901	27	WV
5H3TW	21265	0010	28	CA
5NØMRD	21307	1844	28	MA
5Z4BI	21232	2014	28	MA
5Z4DU	21334	1921	1	CA
6W1QC	21328	2028	22	MD
7O8AA	21295	2334	31	MA
7X4AN	21299	2312	27	MA
9J2BO	21335	1848	27	WI
9Q5TE	21298	1610	22	MI
9Q5UN	21272	2235	28	OH
A35UN	21280	0336	2	OR
A42KH	21480	1245	26	IA
A61AD	21295	1717	1	OR
A92BE	21300	2032	27	NH
BV2FH	21333	1751	25	MA
BV2IB	21252	1758	26	MA
BY5HZ	21255	0202	2	CA
BY5RA	21270	1829	27	WI
BY5VZ	21235	0226	1	CA
EA8BF	21315	1948	28	WV
EA9TL	21235	2044	24	NH
FR5DX	21287	1430	30	IA
HH2CL	21270	0257	28	CA
RL7PEO	21250	0111	31	CA
S79MX	21302	1759	25	MA
S92LB	21220	2157	25	MI
ST4/WZ4C	21281	1950	25	IA
SV5TS	21311	2003	25	MD
T77T	21288	0059	25	PA
TA2AP	21240	1843	26	MA
TA5C	21259	2305	27	MA
TU2QW	21236	1833	28	MA
TU2UI	21295	1838	27	MA
UJ8JDT	21280	0114	28	PA
UL7RER	21275	0149	27	IL
VP8CDK	21275	2147	25	CT
VU2WAP	21295	2011	26	MA
YJØFEO	21290	2002	27	MA
Y11BGD	21284	1806	26	MA

01/06

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FIRST CLASS MAIL

Calendar

Issue 550 - August 10, 1990

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(Changes and hot info in boldface.)

Albania - ZA	by HA5WE etc. soon?	1550	Mongolia - JT	JT1CS 14020 1400Z	1550
Andorra - C3	C3ØEMA Aug. 8-23	1549	Morocco - CN	CN2DX/YL Aug. 10-19	1548
Armenia - UG	UG6GAT 14220± 1400Z	1550	New Caledonia - FK	FK8FS 21010 0330Z	1548
Ascension - ZD8	ZD8LII 21015± 2100Z	1550	Nicaragua - YN	YN3CC 14024 13-1400Z	1550
	ZD8CUE 14010 2300Z	1550	Norfolk Island - VK9	VK9NX Aug. 22-28	1547
	ZD8Z to Aug. 20	1550	North Cooks - ZK	ZK1XY 14183 0630Z	1550
Bahrain - A9	A92BE 21295± 2000Z	1550	Oman - A4	A41KJ 14202 1230Z	1550
British Virgin Is.	N2HNO/VP2V Aug. 6-10	1549	Palau - KC6	by JAs Sept. 13-16	1545
Cayman Island - ZF	ZF2PI/ZF8 Aug. 20-28 SSB	1548	Papua New Guinea - P2	P2P9PL 14008 0945Z	1549
China - BY	BY4RB 14030 12-1300Z	1550	Reunion Island - FR	FR5DX 14195/11Z 21290±/15Z	1550
Crete - SV9	SV9BAI 15M CW 2200Z	1548	Rodriguez Island - 3B9	3B9FR 14026 1130-1300Z	1548
	J49G Aug. 1-15	1549	St. Pierre - FP	FP/VE1DXX Aug. 14-18	1550
Easter Island - CEØ	CEØZIG 18080 0230Z	1550	San Andreas - HKØ	HKØBKX 14020 1130Z	1550
	CEØFFD 18075/00Z 28010/18Z	1550	Saudi Arabia - HZ	HZ1AB 18070 0400Z Thurs.	1550
Eastern Malaysia - 9M	9M8MG 14220/12Z 9M8PV 14175/11Z	1550	Senegal - 6W	6W6/DL7FT Aug. 8-10	1550
Gabon - TR	TR8BY 14025 0100Z	1550	Seycelles - S7	S79MX 21325± 1820-2000Z	1548
Gambia - C5	C56/DL7FT Aug. 11-18	1550		S79MX 21050 0330Z	1550
	C53/6W6JX Aug. 8-22	1550	Sierra Leone - 9L	9L1US 21327 1900Z Sunday	1547
Georgia - UF	UF7QWW 14032 0200Z	1550	Singapore - 9V	9V1XR 20M CW 13-1400Z	1550
Glorioso - FR/G	FR5ZU/G Aug. 21-30	1549		9V1YC 14003 12-1400Z	1548
Gough Is. - ZD9	ZD9CN 14200± 1400Z	1549	Solomons - H4	H44AP 18135± 1200Z	1548
Guyana - 8R	W1CDC/8R1 Aug. 8-19	1549	South Sandwich - VP8	Nov. 20-Dec. 13 VP8SSI	1545
Hong Kong - VS	VS6WV 14160 1100Z	1550	Sri Lanka - 4S	4S7CF 14010 12Z 21005 0130Z	1549
Iceland - TF	DLs/TF July 27-Aug. 24	1545		4S7NE 14005 1200Z	1548
India - VU	VU2DZ 14178 1050Z	1548	Sudan - ST	F6FYD/ST through Sept.	1549
Jersey - GJ	GJ/PBØAFQ Aug. 12-26	1549	Tanzania - 5H	5H3TW 20M CW 13-1400Z	1550
Johnston Is. - KH3	KH3/KA3HMS 14225± 04-0600Z	1549	Turkey - TA	TA5C 21265± 1330Z	1549
Jordan - JY	JY9SR 18076 0030Z	1550	United Arab Emirates	A61AD 14195± kHz at 1300Z	1550
Kaliningrad - UA2	UA2FAO 18075 2030Z	1550	Uzbekistan - UI	UI8ZAC 21275± 0245Z	1549
Kampuchea - XU	XU8DX 21275 0130Z	1548	Western Samoa - 5W	5W1KY 14003 0600Z	1550
Kazakhstan - UL	UL8PA 21030 0200Z	1550	Yemen - 7O	by French ops to Aug. 12	1549
Kenya - 5Z	5Z5BI 21220± 2000Z	1550		Contributors	
Kerguelen - FT/X	FT5XH 14200 11-1200Z	1548	This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:		
	FT5XA 14195 11-1300Z	1548			
	FT5XG 28480 1200Z	1549			
Lesotho - 7P	7P8DF 14238 1300Z	1548			
Malawi - 7Q	7Q7RM 14035-40 12-1300Z	1547			
Malaysia - 9M	9M2AX 14026 1100Z	1548			
Marion Island - ZS8	ZS8MI 14250± 1200Z	1550			
	14020 11-1300Z	1550			
Marshall Island - V7	V73AZ 14200, 20M CW 11-13Z	1548			
Mauritius - 3B	3B8CF 18076 0330Z	1550			
	3B8DB 20M CW 1230Z	1548			
Mayotte - FH	FH5EJ 14019 1230Z	1547			
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